Wireless

SMCWBR14-N2

Barricade™ N Pro Draft 11n Wireless 4-port Broadband Router

OVERVIEW

The Barricade™ N Pro Draft 11n Broadband Router (SMCWBR14-N2) is the perfect all-in-one networking solution for connecting and sharing your high speed cable/xDSL internet connection. Designed for the home and office, this platform independent multi-functional router combines a 4-port 10/100 LAN switch, High speed Wireless-N (draft 802.11n) access point, NAT firewall with Stateful Packet Inspection (SPI), Intelligent stream handling technology and User friendly web-based management interface in one convenient device.

The built-in wireless access point is Wi-Fi CERTIFIED™ for full compliance with the 802.11n draft v2.0 standard, as well as the popular Wireless-G (802.11g) and Wireless-B (802.11b) standards. This next generation wireless networking standard utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed and range. With wireless speeds up to 300Mbps and up to 11x the coverage, there is enough bandwidth to simultaneously stream video and audio, play online games, transfer large files, make VoIP calls and surf the Internet. With security being a key consideration, SMCWBR14-N2 supports the latest WPA and WPA2 wireless encryption standards, which prevent unauthorized access to wireless networks and ensure data is secure. Wireless security can also be set up easily using Wi-Fi Protected Setup™ (WPS) that enables push button or PIN configuration.

The integrated NAT firewall with SPI provides protection from hackers and Denial of Service attacks by analyzing individual data packets, to ensure that only authorized packets are allowed access to the network. Using the Access Control feature parents or network administrators can block certain websites, limit web access based on time or dates, and/or block internet access for applications like P2P utilities or games. The SMCWBR14-N2 also includes intelligent stream handling technology which automatically manages and prioritizes the flow of time-sensitive data in your local network and going to the Internet, without the need for end user configuration. As a result time-sensitive applications like online gaming and video, run smoothly without lag and breakup problems. Finally, configuration of your internet connection and advanced router functions is made simple and straightforward with the EZ™ Installation Wizard and intuitive web-based management interface.

FEATURES	BENEFITS
Share your high speed cable/xDSL internet connection	Simply connect your cable or xDSL modem with Ethernet connection to the 10/100Mbps WAN port for instant always on internet.
4-port 10/100Mbps LAN switch with auto MDI-MDIX	Directly connect four computers or expand your network by connecting additional switches. Auto MDI-MDIX means you do not need to worry about cross-over cables.
Built-in Wireless-N (draft 802.11n) access point	With wireless speeds up to 300Mbps and up to 11x the coverage, there is enough bandwidth to simultaneously stream video and audio, play online games, transfer large files, make VoIP calls and surf the Internet.
NAT firewall with Stateful Packet Inspection (SPI)	Provides protection from hackers and Denial of Service attacks by analyzing individual data packets, to ensure that only authorized packets are allowed access to your network.
WPA/WPA2 Encryption	Prevents unauthorized access to your wireless network and insures your data is secure.
Wi-Fi Protected Setup™ (WPS)	Makes wireless security setup easy with push button and PIN configuration methods.
Intelligent Stream Handling Technology	Automatically manages and prioritizes the flow of time-sensitive data in your local network and going to the Internet, without the need for end user configuration. As a result time-sensitive applications like online gaming and video, run smoothly without lag and breakup problems.
Web-Based management interface	Simple and straightforward set-up with the intuitive web-based management interface and EZ Installation Wizard.

TECHNICAL SPECIFICATIONS SMCWBR14-N2

PHYSICAL INTERFACES
- One 10/100Mbps WAN port
- 4-port 10/100Mbps LAN switch
- Three 4dBi fixed antennas
- WPS button
- WLAN On/Off slide switch
- Reset button

MANAGEMENT FEATURES
- EZ Installation Wizard
- Web based management interface (HTTP)
- Remote management

SECURITY FEATURES
- NAT Firewall with SPI
- Denial-of-Service protection
- Intrusion Detection System
- Access Control
- Web Filter
- DMZ Host
- IPSec, PPTP and L2TP VPN pass-through
- SSID Broadcast disable
- MAC address Filtering
- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)
- WPA/WPA2 Enterprise mode (802.1x)

QUALITY-OF-SERVICE (QOS)
- Intelligent Stream Handling Technology
- Wireless Intelligent Stream Handling Technology

MISCELLANEOUS
- UPnP IGD compliant
- WDS (Wireless Distribution System)
- Virtual Server, Special Application rules, Gaming Rules
- System logging with selectable event levels and types
- Syslog server support

STANDARDS
- IEEE802.3 (10Base-T), IEEE802.3u (100Base-TX)
- IEEE802.11b, IEEE802.11g, IEEE802.11n draft v1.0

OPERATING FREQUENCY
- FCC: 2412~2462MHz (Ch1~Ch11)
- ETSI: 2412~2472MHz (Ch1~Ch13)

TYPICAL RF OUTPUT POWER
- 11n Mode: 14dBm
- 11g Mode: 15dBm
- 11b Mode : 18dBm

TEMPERATURE
- Operating: 0 degrees C to 40 degrees C
- Storage: -20 degrees C to 60 degrees C

HUMIDITY
- Operating: 10% to 85% Non-condensing
- Storage: 5% to 90% Non-condensing

DIMENSIONS
- 180 x 122 x 30 mm
- 7.1 x 4.8 x 1.2 in

WEIGHT
- 0.32Kg
- 0.71lbs

POWER INPUT
- 12V/1A

CERTIFICATIONS
- FCC
- CE

SYSTEM REQUIREMENTS
- Broadband (Cable/xDSL) Internet service and Modem with Ethernet connection.
- 2.4GHz 802.11n draft wireless adapter or 2.4GHz 802.11b/g wireless adapter installed on each PC. Alternatively an Ethernet adapter can be used.
- Internet Explorer 5.5 or above, Netscape 4.7 or above, Mozilla Firefox 1.0 or above
- We recommend using this product with the SMCWCB-N and SMCWPCI-N EZ Connect™ N wireless adapters

PACKAGE CONTENTS
- Barricade™ N Broadband Router (SMCWBR14-N2)
- Power Supply
- RJ-45 Ethernet cable
- Documentation CD
- Quick Installation Guide
- Warranty information card

WARRANTY
- SMC Limited Lifetime

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